

## English

### Adjusting the sound quality (Digital Sound Preset) (See Fig. ㉔, ㉕)

You can make adjustments to the sound quality to suit your taste, and then store two sets of these adjustments.

- Press SOUND on the remote control repeatedly to select "SOUND1" or "SOUND2." (see Fig. ㉔ ㉕)
- During playback, press SOUND on the remote control for 2 seconds or more (see Fig. ㉔ ㉕). The player changes to the bass-setting mode. Pressing SOUND for 2 seconds again changes the player to the treble-setting mode.

- Turn the control on the remote control repeatedly to adjust the bass or the treble (see Fig. ㉔ ㉕). The player changes to the bass-setting mode. Pressing SOUND for 2 seconds again changes the player to the treble-setting mode. When you press SOUND for a short time while adjusting the bass or the treble, the setting for that sound is entered and the display switches to the other sound setting.

- Press RPT/ENT on the remote control. The sound settings are stored and the playback display appears again.

**To select a preset sound**
Press SOUND on the remote control repeatedly to select "SOUND1," "SOUND2."

Selecting no display turns off the digital sound preset function.

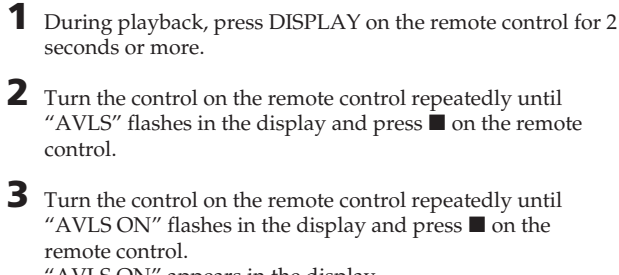
**Digital sound preset factory settings**
The digital sound preset factory settings are as follows:

- "SOUND1": bass +1, treble ±0
- "SOUND2": bass +3, treble ±0

*Tip*
You can also set the digital sound preset when playback is momentarily paused.

**Notes**

- Settings cannot be changed through the operation buttons on the player.
- When you use the digital sound preset function, the sound may break or become distorted depending on the settings or the track. In this case, change the settings of the sound quality.



AVLS (Automatic Volume Limiter system) function keeps down the maximum volume to protect your ears.

- During playback, press DISPLAY on the remote control for 2 seconds or more.
- Turn the control on the remote control repeatedly until "AVLS" flashes in the display and press ■ on the remote control.

- Turn the control on the remote control repeatedly until "AVLS ON" flashes in the display and press ■ on the remote control. "AVLS ON" appears in the display.

**To set the AVLS function on the player**
During playback, slide HOLD towards ➡, and then while pressing VOL ➡, slide HOLD in the opposite direction.

**To cancel the AVLS function**
On the remote control, select "AVLS OFF" and press ■ on the remote control in step 3. Or on the player, during playback, slide HOLD in the direction of ➡, and then while pressing VOL ➡, slide HOLD in the opposite direction.

## Turning off the beep sound (See Fig. ㉖)

You can turn off the beep sound in the headphones/earphones.

- Press DISPLAY on the remote control for 2 seconds or more.
- Turn the control on the remote control repeatedly until "BEEP" flashes in the display, and then press ■ on the remote control.

- Turn the control repeatedly until "BEEP OFF" flashes in the display, and then press ■ on the remote control.

**To turn on the beep sound**
Select "BEEP ON" and press ■ on the remote control in step 3.

## Locking the controls (HOLD) (See Fig. ㉗)

- Slide HOLD on the remote control in the direction of the ➡ to lock the controls on the remote control and slide HOLD on the player in the direction of the ➡ to lock the controls of the player.

**To unlock the controls**
Slide HOLD to the opposite directions of the arrows.

### ►Additional information

## Precautions

**On safety**

- Make sure to keep the player in the supplied carrying pouch. If the terminals on the player, battery charging stand, or battery case are accidentally brought into contact with a metallic object, they may short-circuit and begin to heat up.
- Keep the terminals on the player or on the battery case away from metallic objects or surfaces. Such contact may short-circuit the terminals and cause dangerous heat generation. When carrying the player with you, always keep the battery case attached to the player and the player in the supplied carrying pouch.

- When you carry the supplied rechargeable battery, be sure to put it in the supplied rechargeable battery carrying case. Carrying the rechargeable battery without the case may cause a short-circuit with metallic objects such as coins, key rings, or necklaces. As a result, heat may be generated.
- Do not put any foreign objects in the DC IN 3V jack.
- Do not carry or store the dry battery or battery case in the same place with metallic objects such as coins, key rings, or necklaces. This may cause a short-circuit to occur and heat to generate.

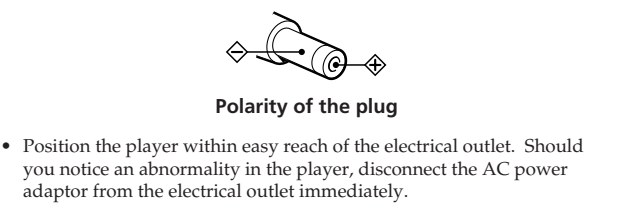
- Incorrect battery usage may lead to leakage of battery fluid or bursting batteries. To prevent such accidents, observe the following precautions:
  - Install batteries with the + and – poles aligned correctly.
  - Do not charge dry batteries.

If a battery leak should develop, carefully and thoroughly wipe away battery fluid from the battery compartment before inserting new one.

- If you are not going to use this player for a long time, be sure to disconnect the power supply (AC power adaptor, dry battery, rechargeable battery, or battery charging stand). To remove the AC power adaptor from the electrical outlet, grasp the adaptor plug itself; never pull the cord.

### On the AC power adaptor (for the supplied battery charging stand)

- For use in your house: Use the supplied AC power adaptor AC-E30HG. Do not use any other AC power adaptor since it may cause the player to malfunction.



- Position the player within easy reach of the electrical outlet. Should you notice an abnormality in the player, disconnect the AC power adaptor from the electrical outlet immediately.

### On charging

- The supplied battery charging stand can be used only with the MZ-E501. It cannot be used to charge all other models.
- Do not use the MZ-E501 to charge any other battery besides the one designated for it.
- Though the battery charging stand and the battery may become hot during the charging procedure, this poses no danger.
- Because of the battery's character, the capacity of the battery may be smaller than normal when it is used for the first time or after a long period of disuse. In this case, charge and discharge the battery several times. The normal battery life will be restored.
- If the capacity of the rechargeable battery becomes half the normal life, replace it with a new one.
- As soon as charging is complete, remove the player from the battery charging stand and disconnect the battery charging stand from the electrical outlet. Leaving it connected may result in reduced battery performance.
- The CHARGE lamp will go off about 6 hours after you place the player on the battery charging stand. If you remove the player from the battery charging stand for 3 seconds or more while it is charging, the CHARGE lamp will go off. It will then take about 6 hours for the lamp to go off from the time you next place the player on the battery charging stand.

**On Handling**

- Do not drop or bump the player. This may cause the player to malfunction.
- Do not pull on the remote control or headphones/earphones cords.
- Do not place the player in the following places:
  - An extremely hot place (over 60°C (140°F))
  - A place exposed to direct sunlight or near a heater
  - In a car with the windows rolled up (especially in the summer)
  - In a damp place such as a bathroom
  - Near a source of electromagnetic fields such as a magnet, speaker, or TV
  - In a dusty place

**On heat build-up**
Heat may build up in the player if it is used for an extended period of time. This, however, is not a malfunction.

**On mechanical noise**
The player gives out mechanical noise while operating, which is caused by the power-saving system of the player. This is not a malfunction.

**On installation**

- Never use the player where it will be subjected to extremes of light, temperature, moisture or vibration.
- Never wrap the player in anything when it is being used with the AC power adaptor. Heat build-up in the player may cause malfunction or injury.

**On the remote control**
The supplied remote control is designed for use with the MZ-E501 only. Note also that the player cannot be controlled by remote controls for other models.

**On the MiniDisc cartridge**

- Do not touch the internal disc directly. Forcing the shutter open may damage the internal disc. It may create a traffic hazard and is illegal in many areas. It can also be potentially dangerous to play your player at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.
- If you experience an allergic reaction to the supplied headphones/earphones, stop using them at once and consult a doctor or a Sony service center.

**Preventing hearing damage**
Avoid using headphones/earphones at high volume. Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce the volume or discontinue use.

**Caring for others**
Keep the volume at a moderate level. This will allow you to hear outside sounds and to be considerate of the people around you.

**On the battery case**
The supplied battery case is designed for use with the MZ-E501 only.

**On cleaning**

- After wiping the player casing with a soft cloth slightly moistened with water, wipe it again with a dry cloth. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzene as it may mar the finish of the casing.
- Wipe the disc cartridge with a dry cloth to remove dirt.
- Dust on the lens may prevent the unit from operating or ejecting. Be sure to close the disc compartment lid after inserting or ejecting an MD.
- A dirty plug may cause noise or intermittent breaks in the sound during playback. To maintain good sound quality, use a soft cloth to clean the plugs of the headphones/earphones and remote control.

**On maintenance (see Fig. ㉘)**

If you have any questions or problems concerning your player, please consult your nearest Sony dealer. (If a trouble occurred when the disc was in the player, we recommend that the disc be left in the player when you consult your Sony dealer so that the cause of trouble may be better understood.)

## Troubleshooting

**You tried to play with no disc in the player ("NO DISC" flashes on the remote control).**

- Insert an MD.
- The hold function is activated and the controls are locked. (If you press any of the operation buttons on the player, "HOLD" flashes on the remote control.)
  - Slide HOLD against the direction of the arrow to release the hold function.

**When the remote control is enabled for the making settings ("MENU" appears on the remote control when the buttons on the player are pressed.)**

- End the procedure for making settings using the remote control or disconnect the remote control plug.
- Moisture has condensed inside the player.
- Take the MD out and wait for several hours until the moisture evaporates.

**The rechargeable battery or dry battery is weak ("LOW BATT" flashes on the remote control).**

- Replace a new dry battery or recharge the battery.
- The rechargeable battery or dry battery has been installed incorrectly.
  - Install the battery with correct polarity.
- An MD with no recording on it is inserted ("BLANKDISC" flashes on the remote control).
- Insert a recorded MD.

- The player cannot read the disc. (It's scratched or dirty) ("DISC ERR" flashes on the remote control.)
  - Reinsert or replace the disc.
- While operating, the player received a mechanical shock, too much static, abnormal power voltage caused by lightning etc.
  - Restart as follows.
    - Disconnect all the power sources.
    - Leave the player for about 30 seconds.
    - Connect the power source.

**The MD does not play normally.**

- The player is set to repeat mode. ("C" is displayed on the remote control.)
  - Press PLAYMODE repeatedly until "C" disappears, then start playing.
- The disc is playing in group mode.
  - Turn off group mode.

**The digital sound preset function does not function.**

- The digital sound preset function is off.
  - Press SOUND on the remote control repeatedly to select "SOUND1" or "SOUND2."

**Playback sound skips.**

- The player is placed where it receives continuous vibration.
  - Put the player on a stable place.
- A very short track may cause sound to skip.

**Sound has a lot of static.**

- Strong magnetism from a television or such device is interfering with operation.
  - Move the player away from the source of strong magnetism.

**Momentary noise is heard.**

- The sound was recorded in LP4 stereo mode.
  - Because of the nature of the compression method used in LP4 mode, noise may be heard on very rare occasions when playing back sound recorded in this mode.

**The rechargeable battery does not start charging.**

- The terminal of the battery charging stand is dirty.
  - Wipe the terminal with a dry cloth.
- The rechargeable battery is not inserted in the player. (When the player is on the battery charging stand, "NO BATT" appears on the remote control when you press one of the operation buttons on the player or the remote control in order to check the battery level.)
  - Insert the rechargeable battery into the player.

**The CHARGE lamp does not turn on.**

- The rechargeable battery is not inserted in the player.
  - Insert the rechargeable battery into the player.

**The player does not operate properly.**

- The player is operating while placed on the battery charging stand.
  - Remove the player from the battery charging stand.
- An attempt was made to enter group mode with program play selected.
  - Change to group mode before selecting program play.

**No sound comes through the headphones/earphones.**

- The headphones/earphones plug is not firmly connected.
  - Connect the headphones/earphones plug firmly to the remote control.
  - Connect the headphones/earphones plug firmly to the jack.
- AVLS is on.
  - Cancel the AVLS function. For more details, see "To cancel the AVLS function" in "Protecting your hearing."

**The group function (group mode/group skip mode) does not function.**

- An attempt was made to enter group mode while using a disc that has no group settings. ("NO GROUP" appears on the remote control.)
  - Use a disc with group settings.
- An attempt was made to enter group mode while playing a track that belongs to no group. ("Invalid GP" appears on the remote control.)
  - The group function cannot be used while a track that belongs to no groups is playing. Select the track that belongs to group using group skip mode. For more details, see "Selecting and playing desired groups."
- An attempt was made to enter group mode with program play selected.
  - Change to group mode before selecting program play.

## Specifications

**Audio playing system**
MiniDisc digital audio system
**Laser diode properties**
Material: GaAlAs
Wavelength:λ = 790 nm
Emission duration: continuous
Laser output: less than 44.6 μW\*
\*This output is the value measured at a distance of 200 mm from the objective lens surface on the optical pick-up block with 7 mm aperture.
**Revolutions**
Approx. 300 rpm to 2,700 rpm
**Error correction**
ACIRC (Advanced Cross Interleave Reed Solomon Code)
**Sampling frequency**
44.1 kHz
**Coding**
ATRAC (Adaptive Transform Acoustic Coding)
ATRAC3, LP2
ATRACS: LP4
**Modulation system**
EFM (Eight to Fourteen Modulation)
**Number of channels**
2 stereo channels
**Frequency response**
20 to 20,000 Hz ± 3 dB
**Wow and Flutter**
Below measurable limits
**Outputs**
Headphones/earphones: stereo mini-jack, maximum output level 5 mW + 5 mW, load impedance 16 ohms
**Power requirements**
Nickel metal hydride rechargeable battery
One NH-14WM (supplied): 1.2V, 1,350 mAh (MIN)
One LR6 (size AA) battery (not supplied)
External power jack: Power rating 3V DC
**Battery operation time**
See "When to replace or recharge the battery."
**Dimensions**
Approx. 74.5 × 80.5 × 17.9 mm (w/h/d) (3 × 3 1/4 × 7/16 in.) (not including projecting parts and controls)
**Mass**
Approx. 80 g (2.8 oz) (the player only)
**Supplied accessories**
Headphones/earphones with a remote control (1)
Battery charging stand (assembly needed)(1)
AC power adaptor (1)
Rechargeable battery (1)
Rechargeable battery carrying case (1)
Dry battery case (1)
Carrying pouch (1)
AC plug adaptor (1) (world model only)

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Design and specifications are subject to change without notice.

### Optional accessories

NH-14WM Nickel metal hydride rechargeable battery
CPA-9C Car connecting pack
MDR series stereo headphones/earphones\*
SRS series Active Speakers
Carrying pouch
\* Whether you should plug the headphones/earphones directly to the jack on the main unit or to a remote control, use only headphones/earphones with stereo mini plugs. Headphones/earphones with a microplug cannot be used.

Your dealer may not handle some of the above listed accessories. Please ask the dealer for detailed information about the accessories in your country.

### 中文

### 要調節音質時（數字聲音預設）（見圖 ㉔、 ㉕）

音質可調節以適合您的喜愛，並能儲存其中的兩種。

- 反復按遙控器上的 SOUND 以選擇 "SOUND1"、"SOUND2"。（見圖 ㉔ ㉕）
- 播放中，按住遙控器上的 SOUND 2 秒鐘或更長（見圖 ㉔ ㉕）。唱機切換成低音設定模式。再按一次 SOUND 2 秒鐘，唱機回到高音設定模式。
- 反復轉遙控器上的控制鈕以調節低音或高音。（見圖 ㉔ ㉕）當調節低音時，如果按住 SOUND 2 秒鐘以上，顯示切換到高音（反之亦然）。調節高低音時，如果短暫按一下 SOUND，此聲音設定即被輸入，顯示切換到其它聲音設定。
- 按遙控器上的 RPT/ENT。
  - 當調節低音時，再次出現播放顯示。

**要選擇預設聲音時**
反復按遙控器上的 SOUND 以選擇 "SOUND1"、"SOUND2"。選擇不顯示以關掉數字聲音預設功能（工廠設定）。

### 數字聲音預設的工廠設定

- "SOUND1"：低音 +1，高音 ±0
- "SOUND2"：低音 +3，高音 ±0

*要註*
▶ 當播放暫停片刻時，也可設定數字音預調。

*註*
▶ 唱機上的操作按鈕不能改變設定。
▶ 使用數字音預設時，因設定或曲子的理由，播放的聲音可能中斷或失真，此時，請改變音質設定。

**保護聽覺 (AVLS) (見圖 ㉖、 ㉗)**

AVLS (Automatic Volume Limiter system, 自動音量限制系統) 功能可限制最大音量以保護您耳朵聽覺。

- 播放中，按遙控器上的 DISPLAY 至少 2 秒或以下。
- 反復旋轉遙控器上的控制器至顯示器中閃爍著 "AVLS" 然後按遙控器上的 ■。

- 反復旋轉遙控器上的控制器至顯示器中閃爍著 "AVLS ON" 然後按遙控器上的 ■。顯示器中即出現 "AVLS ON"。

**要在唱機上設定 AVLS 功能時**
播放中，請將 HOLD 滑向 ➡，然後，按著 VOL ➡ 同時把 HOLD 滑向相反方向。

**要解除 AVLS 功能時**
遙控器上，請在步驟 3 中選擇 "AVLS OFF" 並按遙控器上的 ■。

**關於遙控器**
附帶的遙控器僅用於 MZ-E501，也請注意此唱機不能用其他型號的遙控器控制。

**MD 盒須知**

- 不要直接觸摸內部的光盤，強制打開盒門可能損壞內部的光盤。攜帶光盤時，一定請裝在盒裡攜帶。
- 當攜帶移動迷你光盤時，一定請把它裝在盒裡。
- 不要在 MD 盒放在強光、高溫、高濕或多塵的地方。
- 不要在 MD 上指定區域外貼標籤。應保護膠貼在碟片的凹陷區域內。

**頭戴耳機／耳機須知**

**路上安全**

- 騎自行車或駕駛任何機械車輛時，不要使用頭戴耳機／耳機。它可能造成交通事故，且在一些地區是違法的。走路時，特別是過馬路時，高音量播放吸碟也可能引起危險或在有潛在危險情況下，應十分小心或停止使用。

如您對附帶的頭戴耳機／耳機過敏，立即停止使用，向醫生或 Sony 服務中心諮詢。

**防止損傷聽力**
▶ 避免長時間用頭戴耳機／耳機。聽力專家反對持續、高音量的聆聽。如果您患有耳鳴經驗，請降低音量或停止使用。

**其他注意事項**
▶ 音響應保持在適當水準，這使您可聽到外面的聲音並可顧慮到周圍的人。

**電池盒須知**
附帶的電池盒僅用於 MZ-E501。

**清潔須知**

- 用蘸有一點水的軟布擦拭唱機外殼後，再用乾布擦一次。不要使用任何鋼絲絨、去污粉或酒精、苯之類的溶劑，它們可能會損壞外殼的漆面。
- 用乾布擦拭光盤盒去除灰塵。
- 鏡面上的灰塵可能會影響唱機正常工作。插入或彈出 MD 後，一定要關閉光蓋。

- 插頭斷了，則在播放中可能產生雜聲或聲音中斷，為保持良好的音質，使用軟布清潔頭戴耳機／耳機和遙控器的插頭。

**要鎖住控制鈕時 (HOLD) (見圖 ㉗)**

- 在遙控器上把 HOLD 朝 ➡ 方向滑動以鎖住遙控器的控制鈕。在唱機上把 HOLD 朝 ➡ 方向滑動以鎖住唱機的控制鈕。

**要解鎖控制鈕時**
朝前頭的相反方向滑動 HOLD。

### ►附加資訊

## 使用前須注意

**安全須知**

- 務必將唱機放在附帶的袋中。如果唱機、電池充電架或電池盒的端子突然和金屬物接觸時，可能發生短路而發熱。
- 如果將電池盒的端子與金屬物或金屬表面。此種接觸可能引起端子短路，導致危險的發熱。當攜帶唱機時，應將電池盒裝在唱機上，並將唱機放入附帶的袋中。

- 按箭頭反方向滑動 HOLD 以釋放保持功能。
- 遙控器能進行設定時 (按唱機上的按鍵時遙控器上 "MENU" 出現)。
- 用遙控器來設定過程或取出遙控器插頭。
- 潮氣已在唱機內凝結。
  - 取出 MD，等待數小時直到潮氣散發。

- 充電池或乾電池用完了（遙控器上 "LOW BATT" 閃爍）。
  - 更換新電池或對電池充電。
  - 充電池或乾電池安裝不正確。
  - 校正正確性安裝電池。
- 插入了空白的 MD（遙控器上 "BLANKDISC" 閃爍）。
  - 插入已錄製的 MD。
- 唱機無法讀取光盤（碟片被劃傷或損壞）遙控器上 "DISC ERR" 閃爍）
  - 重新插入或更換光盤。
- 工作時，由於閃電等唱機經受到機械震動、很大的靜電干擾或由閃電等引起的異常電壓。
  - 按如下方法重起動：
    - 斷開所有電源。
    - 唱機停止工作約 30 秒鐘。
    - 重新開機。

**不能正常地播放 MD。**

- 唱機置於反模式。（遙控器上顯示著 "C"）。
  - 反復按 PLAYMODE 直至 "C" 消失了顯示，然後開始播放。
- 是以組群模式播放光盤。
  - 請關掉組群模式。

### 使用 AC 電源轉換器須

- 在家裡使用：請使用附帶的 AC 電源轉換器 AC-E30BG。不可使用任何其他的 AC 電源轉換器。因為可能會引起唱機故障。



**插頭的極性**

- 將唱機放置在容易插接到電源插座的位位置。當發現有異常時，請即自插座拔下 AC 電源轉換器。

### 充電須知

- 附帶的電池充電架，只適用於 MZ-E501。是不能給任何其他型號機充電的。
- 除指定的電池以外，MZ-E501 請別用於給任何其他型號電池的充電。
- 在充電中，充電器和充電池可能變熱，這沒有危險，請放心。
- 由於電池的特性緣故，當它第一次使用或在長期不用後，使用時間可能較正常的為短。此時，請給電池進行數次充電，即能恢復正常的電池壽命。
- 如果充電池使用時間降到正常的一半，就更換新電池。
- 電池充電後，請立即從充電架卸下唱機並從電源插座拔下充電池充電架，否則可能導致電池性能減退。
- 當唱機放在電池充電架約 2 小時之後，CHARGE 燈即將熄滅。在充電當中，您如果從電池充電架上取下唱機超過 3 秒，則 CHARGE 燈將在下次再把唱機放在充電架上時起算的大約 6 小時之後才復燃。

### 保管須知

- 不要將唱機或使唱機受衝擊，因可能損壞唱機。
- 不要拉遙控器或頭戴耳機／耳機的電線。
- 不要把唱機放在下列地方：
  - 極其熱的地方（超過 60°C）
  - 陽光直射或接近潮濕的地方
  - 車庫棧上的汽車內（特別在夏天）
  - 潮濕的地方，如浴室
  - 靠近電磁場的地方，如磁鐵、揚聲器或電視機
  - 多塵的地方

**稱熱須知**
如果唱機使用很長一段時間，可能生熱，但這不是故障。

**機械雜音須知**
▶ 播放時，唱機發輸出機械雜聲，這是由唱機的節電系統引起的，這不是故障。

**關於安裝**

- 決不要在光線很強、溫度、濕度很高或振動很大的地方使用唱機。
- 當唱機放在電池充電架時，請先輸入組群模式。
- 當播放屬於無組群的曲子時，試關輸入組群模式。（遙控器上將出現 "Invalid GP" (組群無效)。)
- 當播放屬於無組群的曲子時，是不能利用組群功能的。用組群跳選方式選擇屬於組群的曲子。詳細內容，請參看 "選擇和播放所要組群"。

**關於遙控器**
附帶的遙控器僅用於 MZ-E501，也請注意此唱機不能用其他型號的遙控器控制。

**MD 盒須知**

- 不要直接觸摸內部的光盤，強制打開盒門可能損壞內部的光盤。攜帶光盤時，一定請裝在盒裡攜帶。
- 當攜帶移動迷你光盤時，一定請把它裝在盒裡。
- 不要在 MD 盒放在強光、高溫、高濕或多塵的地方。
- 不要在 MD 上指定區域外貼標籤。應保護膠貼在碟片的凹陷區域內。

**頭戴耳機／耳機須知**

**路上安全**

- 騎自行車或駕駛任何機械車輛時，不要使用頭戴耳機／耳機。它可能造成交通事故，且在一些地區是違法的。走路時，特別是過馬路時，高音量播放吸碟也可能引起危險。在有潛在危險情況下，應十分小心或停止使用。

如您對附帶的頭戴耳機／耳機過敏，立即停止使用，向醫生或 Sony 服務中心諮詢。

**防止損傷聽力**
▶ 避免長時間用頭戴耳機／耳機。聽力專家反對持續、高音量的聆聽。如果您患有耳鳴經驗，請降低音量或停止使用。

**其他注意事項**
▶ 音響應保持在適當水準，這使您可聽到外面的聲音並可顧慮到周圍的人。